

MAY 26 2005 15:55 FR TERADYNE

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P.01/07

TERADYNE

Teradyne, Inc.
321 Harrison Avenue M/S K-89
Boston, MA 02118

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Legal Department, Boston, MA

TO: Commissioner for Patents

FACSIMILE: (703) 872-9306

FROM: Robert J. Hampsch

TELEPHONE (617) 422-2919

FACSIMILE: (617) 422-2290

DATE: May 26, 2005

Total Pages (including this cover sheet): 7

RE: U.S. Application No. 09/707,709
Filing Date: November 7, 2000
Title: "INSPECTION METHOD UTILIZING
VERTICAL SLICE IMAGING"
Applicant: Teradyne, Inc.
Our Reference No.: Case 1677-US

Message:

Please feel free to contact our office should you have further questions or concerns regarding the enclosed.

Thank you.

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM
(to be used for all correspondence after initial filing)

| | |
|------------------------|------------------|
| Application Number | 09/707,709 |
| Filing Date | November 7, 2000 |
| First Named Inventor | Rohit Patnalk |
| Art Unit | 2623 |
| Examiner Name | Samir A. Ahmed |
| Attorney Docket Number | 1677-US |

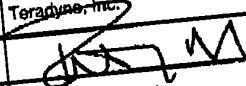
Total Number of Pages in This Submission 7

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| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
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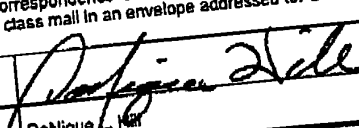
Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|--------------|---|
| Firm Name | Teradyne, Inc. |
| Signature |  |
| Printed name | Robert J. Hampsch |
| Date | May 26, 2005 |
| Reg. No. | 38,155 |

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

| | | | |
|-----------------------|---|------|--------------|
| Signature |  | Date | May 26, 2005 |
| Typed or printed name | DoNique L. Hill | | |

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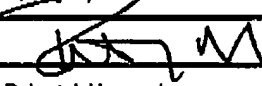
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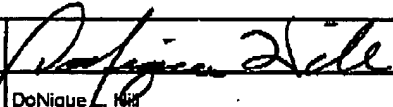
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| | First Named Inventor | Rohit Patnalk | |
| | Art Unit | 2623 | |
| | Examiner Name | Samir A. Ahmed | |
| Total Number of Pages in This Submission | 7 | Attorney Docket Number | 1677-US |

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| Remarks _____ | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---|----------|--------|
| Firm Name | Teradyne, Inc. | | |
| Signature |  | | |
| Printed name | Robert J. Hampsch | | |
| Date | May 26, 2005 | Reg. No. | 38,155 |

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| Signature |  | | |
| Typed or printed name | DoNique L. Hill | Date | May 26, 2005 |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: PATNAIK, Rohit
Serial No: 09/707,709
Filed: 11/7/2000
For: INSPECTION METHOD UTILIZING
VERTICAL SLICE IMAGING

Patent Application
Docket Number: 1677-US
Group: 2623
Examiner: Samir A. Ahmed

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Signature: 

Date: 5/26/2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

Further to the RCE application filed on March 28, 2005, kindly enter the amendment to the claims of the above-identified application as set forth in the following pages.